

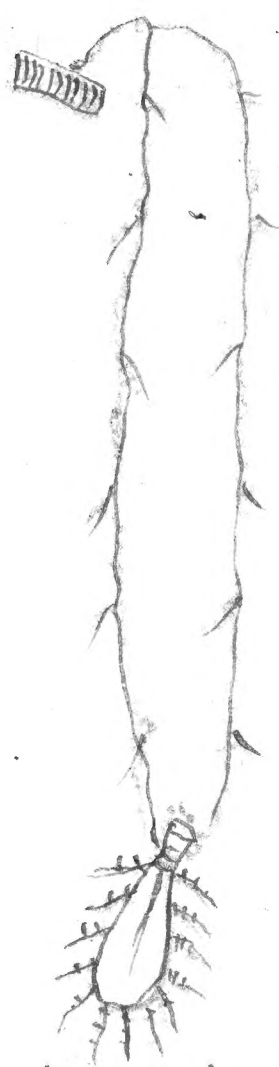


5/24-7/13/1867

Antalya - 18.10.1961



Young A.  
Tine.

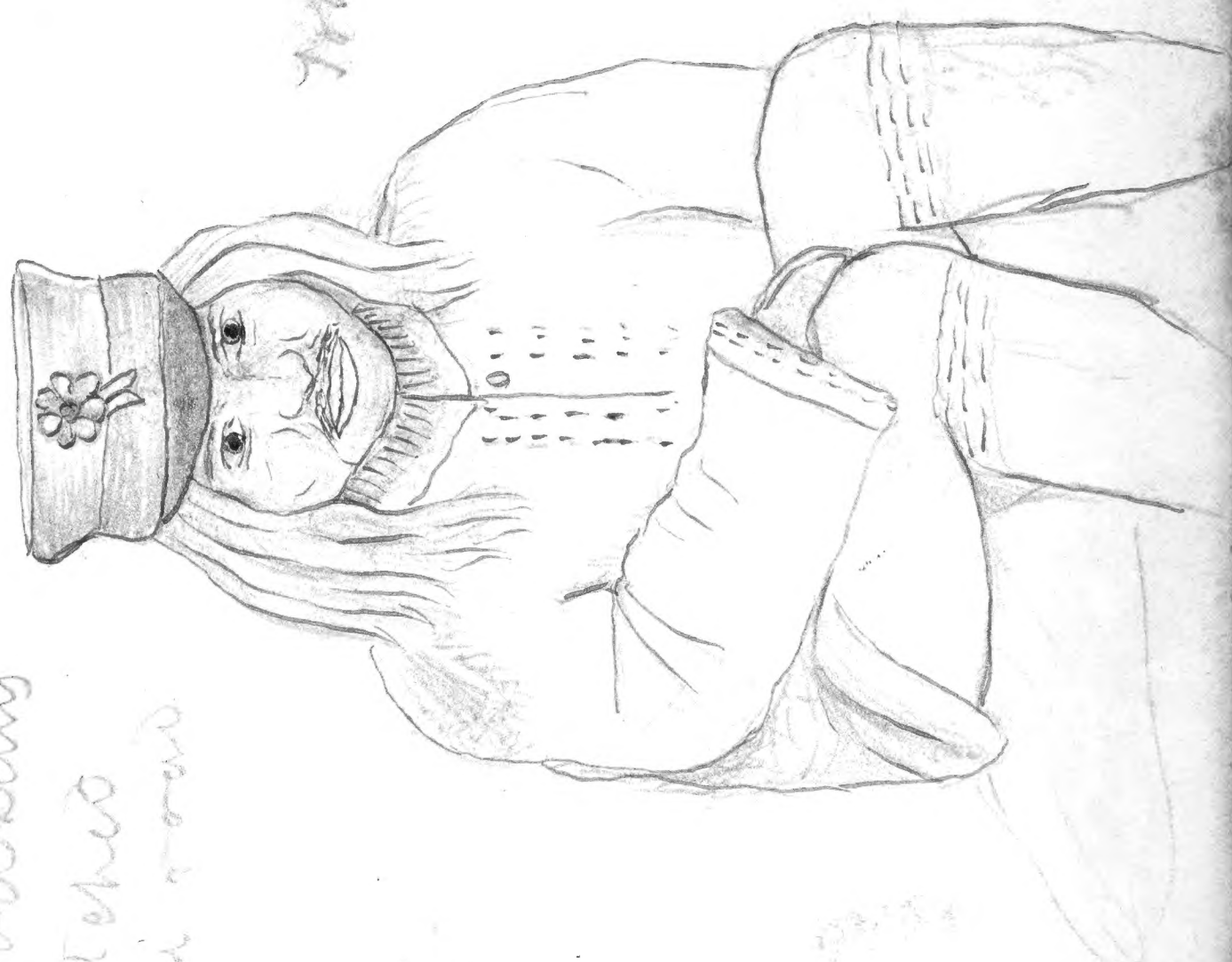


Braided with  
Porcupine quills  
and deer skin.  
4 heads

Yellow with dots  
brown



Johnoidola



Koyoukuns  
sketches  
on the cover



S. J. list.

Reg. No. 15, Ayres fishes - sent  
Feb. 28. 1866 —

Box No. 16. Notes, drawings -  
and sharks jaws - Feb. 28, 1866

Two boxes  
a box or two of Bannister  
a barrel of birds  
and a can of specimens  
sent back by Nightingale

1 box No 1, Mulate Fossils  
1 " No 2, " birds &c.



Stores for Yukon Trip

To go up take	2100	Drum
Flour	150 lbs	Leave 50 lbs
Sukree	50 lbs	
biscuit	100 lbs	
Bacon	60 lbs	25 lbs
Rice	10 lbs	Leave 2 lbs
Vegetables	5 lbs	
Tea	9 lbs	2 lbs
Sugar	18 lbs	
Pepper Salt &c	3 lbs	
Shot	15 lbs	
Tobacco Sitka	10 lbs	
" Black	8 lbs	2 lbs
" Russian	10	5 lbs
Cora Lee	10	2 lbs
Powder	8 lbs	1 lb
Balls	10 lbs	2 lbs

2 Kettles, chynik, mess pan  
 frying pan, 3 plates, knives & forks  
 spoons & cups  
 Cartridges 10 lbs.

Guns, Hankets, oars, mast, paddle  
 sail, tent & poles, rope, bidarra,  
 3 Indians &c.

### Small trading goods

Needles -	Adenty
Knives -	3 -
Beads -	a few
Looking glasses -	6 -
Handkerchiefs -	5,
Drill -	4 yds
Caps -	250 -
Shirts & steel	10 & 4 -

Grease, lovetak, remme,  
 mahout, Musquito nets  
 map -





Mourning  
ring boy.

— Medical Report —  
To Col, Bulkeley 1866-7

Dear Sir —

Upon the receipt of the  
necessary papers I entered  
( ) upon the discharge  
of my duties as Asst-Surg in

The requisitions were promptly  
handed in to the Surgeon in  
Chief. A report of his malicious  
failure to fill them and of his  
further unofficerlike conduct  
was forwarded with promise  
of approval, by Major Wright.

It was proposed to leave  
in the country two men  
rotten with syphilitic disease.  
One still suffering from it  
and one ostensibly cured.

I addressed a letter in



the subject to Capt. Scammon protesting against it. The sick one was taken back but the other, whose disease may at any time break out afresh was sent ashore.

The continued hate of the Indians for the Russians caused by the introduction of small pox over fifty years ago, and the war like attitude of the Chilcats threatening serious interruption to the progress of the line, resulting from the introduction of the scarlet fever from an American trader; these are sufficiently strong examples of the danger of leaving in the country a fearful disease which has ever

devastated as by fire the natives of every country where it has been introduced. I would again protest against the crime of bringing such a calamity upon an unsuspecting and innocent people — On the 1st of May I left the Redoubt in company with Capt. Ketchum for Unalakleet arriving there. After some delay preparations were made to leave for Nulato according to my programme approved by you. I choose that place for my headquarters. Capt. Ennis, by your direction appointed me an assis-



tant. Lt. H. W. Smith, to attend to the wants of that station as far as our scanty supply of medicine would allow. Copies of the order appointing him with the approval of Capt Ennis and of orders <sup>to H. S. Caldwell</sup> relating to transmission of medical stores from Grantley Harbor to make good our deficiencies, are enclosed - (A. B.) Capt K. proceeded to Nulato and during the interval Mr. Francis and myself were engaged in pushing his supplies on dog sleds from Iktigalik to Ulukuk. The next trip I proceeded to Nulato where I ~~arrived~~ <sup>arrived</sup>

Soon after my arrival a favorable opportunity occurred and taking an Indian, sled, and dog I went to the locality where coal was reported and camped out - during one night cleared away the snow from the cropping and thoroughly examined it - I regret to have to report - that though the coal is of good quality (a free burning bituminous, not caking.) It is a mere patch of a few yards in extent on the extreme spur of the bluff, all the rest having been denuded -



The strata are so crumbling and twisted that it would <sup>have</sup> been difficult to work if the quantity ~~was~~ had been sufficient to warrant it. We may still indulge in the hope however, from the geological formations along the river that coal of good quality and sufficient quantity will yet be discovered on more careful examination.

~~After~~ About I heard from below, that Capt Ennis on what grounds was not stated, had some in

tention of interfering in the Medical Dept. of my District. The erratic character of that gentleman's movements being not unfamiliar to me I address a letter (of which a copy is enclosed,) to him on the subject.

Not handed in —



Tariff =

Duck, five balls powder

Goose, five to 7 of fat.

Beaver tail, 4 balls, or pap. gr. tobacco

Deer meat, breast, dried, 6 to 8 ball of.

Deer tongue - 3 goes of powder

Flat, according to kind, high.



N. B.  
Get at Fort Youkon

~~Beats -~~

✓ Soap -

✓ Mouse skin - 2.

~~Plates -~~

✓ Moccasins - 18 pair.

✓ Rossamozza for parkies 2

~~wolf skin for do~~

✓ Verbi che for snowshoes

~~If possible a pair of do -~~

~~Pennsylvanian~~

~~Indian~~ knife.

Buckskin shirts &c (1.)

Sunday May 26th. 1867.

Morning. Raining hard and very chilly. Hit out Dyer antoshka and Aloshka in their bidark for their voyage down the Youkon to Romangoff and round the mouth of the Kuvitpak to the Redoubt. They start about 7.15. All deeply loaded. The Russians get their large bidarra loaded, taking a bag of flour and one of biscuit for us. We load our little bidarra, and Mikaishka and Hacy totantimones brother whom we will call Tom, as his name is perfectly ungodly in sound & length and Kurilla who nips & myself get ready leaving Pickett & his woman to occupy our shanty. Mr P. corralled a spoon to our disadvantage and also a kettle which we needed badly.



The Sakhalin, however, was ar-  
rived very early, brought me  
over a lot of bird skins &c  
but I could not find  
time to buy them as we  
were off at 8 o'clock,  
in company with the Rus-  
sians. The rain rendered  
our start very disagreeable  
and in the heavy rain boat  
was so packed so that we  
were unable to sit down with  
any ease. We pulled up about  
six miles in company with  
the Russians, took tea at  
a little creek and pushed on  
two or three miles more  
when we met such a flood  
of drift wood and ice as  
to endanger the boats.  
The Russians turned back  
and camped but with  
some assistance we pushed

our way across the river  
through the floating ice,  
arrived safely where the  
drift wood did not run, on  
the other side; paddled up  
a mile farther and camped  
in a driving rain. Mayke  
's family camped with us -  
and we dined off salt-water  
fish and tea. Everything  
wet and nasty. Turned in  
early for an early start in  
the morning.

72.13. The three species of  
swallows, obtained at Shilati  
hills & live in the same kind  
of mud nests as the ordi-  
nary cave swallows, I think  
they have different habits  
in civilized countries.

The formation changes  
opposite our first camp  
from the sandstone to some  
thing else, but what I did  
not get near enough to  
see. Almost dark when we



return down the river.  
Monday May 27, 1881  
Left at 3 P.M. and went  
the distance to about a mile  
below the camp. The following  
notes were taken: The  
river is about 100 yds wide  
take two or three rods  
downstream and about 150 yds  
a little more a few the top of a  
small hill or mound in the river  
about 100 yds from camp almost  
of willows in the river. The  
most of the river is covered  
by water. The top of the hill  
is a low one. The river is  
of a deep muddy color. The  
camp is with a small stream  
a few rods from the river. Take  
the best place we can find. Last  
year camp ground being covered  
with water. Buy about fifty lbs of  
dried meat, tongues & fat & a good  
amount of flour. Some of my  
case including some a very large  
piece of the longhorn or cowboy

some of the things to take up  
with the meat. The Russian  
boat, as we have found for miles  
the. Buy a few of the good ones  
of the river. I have with me,  
a long brown when we come back.  
Buy a large piece of an Indian at  
camp and get a lot of tobacco &  
beads. See a small hill above but  
don't bring him down, also many  
skins, and some black glass, get  
two eggs of the latter, which flew away.  
The top of the hill is perhaps  
not high or more (with the plane of  
the stream parallel with the river  
at an angle of 76°). The top of the  
the island just willow older to  
& than poplar and on the high  
part spruce, larger than below.  
There is more willow & poplar on  
the north bank & spruce on the  
south, low land except the Joshua  
day fair but cloudy with thunder  
showers.

Tuesday, May 28  
Start early about 1 P.M. from the  
willow island, come up the river



After passing the house and past the  
the river about to start, we found  
them two minutes to meet with  
nothing they put aboard a boat  
in charge of our Indians, just as  
we started out. We went through  
the narrow strait between a large  
island (E by S 1/2 S) and town up  
(N by E) passing under Indian house  
& going to come to a steep sand-  
stone bluff just beyond which  
the river was rushing past at  
about 7 or 8 knots. The swift  
current is however narrow.  
We saw the little fleet of bark  
canoes except about a mile  
down stream on occasion, but  
none of a little higher. At the  
extreme end of the eddy and passed  
across having not much more  
than a quarter of a mile  
we went to the opposite and  
saw that there were killed a caribou  
and a moose with about  
the same level as on above,  
the same distance on the same  
side for some distance (NE &

to seeing the caribou mounted  
on the wall  
about 100 ft. high  
with a small tree trunk  
the bark a white worm at  
the water edge every where  
from 10 to 24 inches and  
large trees often are cast  
down into the river, which  
delivers them at its mouth  
with the roots, branches top  
and bark, much cleaned off.  
Passing a very long island we  
cross to the other side seeing  
a small densely wooded bluff  
about 30 ft apparent height  
the bank on the north side  
of the river. The sides of the  
river except at the bluff men-  
tioned are low and wooded as  
far almost entirely with tall  
poplar and willows. The spruce  
is scarce and small. Polar if  
not all of poplar would have




to the height of several miles at least. An enormous amount of clearing will have to be done to build the road of a road or river, and then with the fine granite - bedrock to the construction of the road. We then took tea at last - I left our boat and invited the Russians to go with us across again at a very broad part of the river at least two miles and probably nearer three. The Russians were glad to go to the north side that they were there and by the side, but none came. There are old ruins, and we went to buy two strips of skin of the stop again about twelve and drink tea and the sun said but some things - the house. Drinking of water about two and some in a stop. I went to the house after the Russians.

There were some fish, ducks, geese and a few sheep.

N.B. The two strips, brown-headed a green-winged tail & the head of a bird I have not yet come across since I visited the lakes & have about two, a summer bird for the birds.

Wednesday May 29

E by S. 1. ESE 2. SE 3. (S. by E 1) E by S. 5. / S. by SE by 3. NNE 6 miles E 1, S by E 2, N. Sandy bluffs 1. E. 2. (S. by S) 

Morning. Rises about 4 AM and off a little after the Russians at five o'clock. Pass through various windings of the river and drink tea about noon on a willow bank. Pass a bold sand & clay bluff on the north shore. The river is nearly horizontal, last a mile or two in the afternoon.







from Saskatchewan. Many 2.5 ft  
 are now speaking & hunting at  
 some distance. I saw something  
 brown in the way of a cloak, made  
 of animal hide tanned with the  
 fur on, reddened & cut in fringe  
 to a point and ornamented with  
 beads like a Hogenkum parkie  
 ties with one string at the neck,



also breeches  
 of deer skin tanned  
 dark brown with  
 the patterns of  
 bark in the pat-  
 tern sketches  
 worth 20 dollars at

least beside the skin and making up.  
 Have some sables offered for powder  
 for the third time at least but refuse  
 to buy any. It is better to let pass alone  
 and attend to business. Afternoon  
 think of starting but rain & head  
 was coming up wait a little. We  
 are making very slow time, not  
 more than twenty miles a day but  
 have to go thirty to make that, the  
 river is so circuitous and having  
 to cross, a distance of two or three  
 miles to avoid the strong current  
 at the falls. The river is three

or four feet higher than at the  
 same time last year, so we cannot  
 track at all, making slow progress.  
 Sat. Nov. 25. 1871

Nov. 25. 1871. A heavy  
 snow storm. The river is  
 covered with ice. The wind is  
 from the north. The snow is  
 very deep. The river is  
 very narrow. The water is  
 very cold. The ice is very  
 thick. The snow is very  
 deep. The river is very  
 narrow. The water is very  
 cold. The ice is very thick.

Friday Nov. 24  
 E 1/2. N. 2. Bluff Pt. NW 1/4. 4 ft  
 sandstone (10 ft) 1. N. 2. NE 3

(Bluff) (sandstone) dip  
 NW by E. 25° angle of about  
 15° SW) N by E 1 Bluff with  
 sandstone and a ridge of trap  
 and have going into a lake about  
 1/2 mile but not for 1/2 mile. Dip 90° W. and  
 a little further E 7° W. still  
 further to sand, & a thin layer (1/2 in)  
 of shale dips 20° NW angle 15°) 4 ft  
 with the blue sh. in lower part of layer  
 much weathering. N. 2. NW 1/4. 4 ft



The strata are all along about the  
 above 500 ft. (right N.E. South  
 side low, hills in distance) and  
 more blue sand. Horizontal, and  
 high banks of yellow sandstone  
 with quartzite pebbles  
 then 600 yards of blue sand dip  
 west 10°. Horizontal. N by E 1.  
 (Bluff br. sandst. dip 2 W by N. 10°  
 angle 25°) N 7 E 1 More blue  
 sandstone dip 10°.

Short of little water in the  
 Pass Lacapital mountain about 2200 ft. in  
 Pass behind several islands  
 along the N shore which is high  
 with many bluffs of blue sandstone  
 sandstone and interbedded  
 banks of purple sandstone with  
 pebbles, some not over 1 foot  
 in diameter. The country  
 stop for 2 miles on the bank at  
 10. In a grassy area ducks  
 nest on the bank with 9 eggs - I  
 kept 3 of them and we have had  
 our eggs when we camp. Nest  
 was in a hole in the ground.

and a very hard current making  
 it dangerous to proceed  
 We leave our bidarra in water  
 over night with the tent above  
 and camp on a very high bank in  
 the open air.

Saturday June 1st 1887.

Bluff blue sand dip 10° angle 10°  
 (N by E 5°) Bluffs low. Blue & br  
 sand in thin layers for about 100  
 dip 10° by angle 15°. These bluffs  
 extend for several miles.  
 N 8 by E 5. (bed of conglomerate  
 or pebbles etc. 2 ft wide with  
 brown sandstone on top dip 10° N E  
 angle 45° on top) N by E 4.  
 (N by E 4) (with more sand) N by E 4  
 about 1000 ft. in the  
 a bluff the N side of it is a low  
 bank. N 8 by E 4. More conglomerate low  
 horizontal and running into the  
 blue sand. That is from with the  
 top. The conglomerate contains  
 blue sandstone, shale, porphyry, quartz  
 mostly with hornblende, epidote  
 and felspar. Graphical pebbles in



red porphyritic pebbles and green  
stone, all on the slope of pebbles  
the body is composed of these  
same materials more finely divided  
into sand and gravel. N.E. 1/4  
Bluff red sandstone. Dip 9° to 12° N.E.  
much broken & with thin clay  
facing layers - E by N. 5° N. by N.  
at least 4' thick with thin  
large islands. Rather sandy below a  
thin layer of clay. Little dip 5°  
N.E. angle 12°. N.E. 2. N.S. side  
& rounded out. hills on S. side

Leave at 1 P.M., and pull  
against a head current for six  
hours when we take tea on  
the bank near the conglomerate  
bluffs. A flight of swallowtail  
butterflies take place while we  
are there and I secure several  
3/4 - a Sand hill Crane, a hawk  
with black eyes new to me, see  
a bird singing and looking a  
good deal like a mockingbird

also a beautiful sparrow<sup>major pusillus</sup> dark, touched with yellow (all) and another pair of thrushes -  
 got the egg of the pintail duck and  
 an egg like the preceding but  
 small they tell me is of a duck  
 I have not yet obtained. See  
 a pretty slate colored sparrow  
 and a bird with a head like  
 a <sup>yellow</sup> cherry bird but no yellow  
 or red in the wings - a pair  
 birds springs up and sends  
 the Russians with their big  
 sail far ahead and we too  
 round a six mile bend  
 where they sailed without  
 ours about half past five  
 reach the camp quite worn  
 out with fatigue, the heat  
 of the sun and hunger. Got  
 a good dinner, Met Larion  
 woman to mend our bidarra  
 which is cut with drift  
 wood skin three birds and



write up notes and turn in.  
 The bluffs are now changed  
 to the South side of the  
 river where they are generally  
 well wooded instead of abrupt  
 as on the North side. They  
 appear to be sandstone.

Sunday June 2

N.E. 2. (S) to a bluff on S. side of  
 Fort River, Mt. Mokotila bears  
 N. 70° E. 10 m. (by 2 N.E. 2, high  
 ground back to N side) about N.  
 N by E 6. No hills or bluffs S side  
 N.E. by N 10. High grass, bare N.S.  
 NNE 4 very wide

Leave at 5 AM about half past  
 5 AM. After the Russians and as  
 there is a good breeze going they  
 leave us rapidly behind. About  
 ten miles the mouth of the  
 Melnykchey River and then a  
 fine view of Mount Mokotila.  
 The first of a series of high moun-  
 tains on the north side of the  
 river. Stop at dawn at the river

many  
 people  
 on the  
 10 or 12  
 got down  
 conclude  
 we have  
 had a very  
 day, we  
 miles from  
 got a fine  
 nest and  
 birds in  
 they cross  
 some valley  
 at least  
 the on the  
 some more  
 mountains  
 than I have  
 seen before  
 to the top  
 of the



not and  
 too deep till  
 then it  
 is a good range  
 up about 300  
 some lose it.  
 about five  
 to 10 m. till  
 The Russians  
 valley next  
 are about 10  
 miles apart.  
 Kingfisher -  
 3 eggs with gray  
 when of the  
 red sparrow. I  
 saw a couple of  
 the first - a blue  
 hawk, which  
 was very  
 common.  
 The water here



fallen at least a foot. Finding  
 the car, I put the wheels on  
 the track about 10 p.m., etc.  
 just, and push on the way to  
 morning when it is half 12 o'clock.  
 On the road to the left on the  
 road to the right! 24 or 25 miles

[illegible][illegible][illegible]

House after about an hour sleep  
 pushing in to the Russian and  
 along, speak a little overpull  
 a good deal. About eleven the  
 day gets a hot-rod - we hand up  
 it a trunk and sleep for an  
 hour in two and then push on  
 to the place where the Russians  
 changed opposite Minskoye  
 House is either a town or  
 the banks there is no water  
 is something wrong for they have  
 not water there apparently  
 the Russians are going to send  
 there men come to work up the  
 stream and then have all day  
 tomorrow to dig the channels.  
 The day has a few things  
 of them are in Russian and there  
 is will be very good if we



for we have nothing on this place  
for a supply of dried meat for  
our journey. The only other place  
where we could get away at  
Nuklukahut, and there are  
so many Indians there for a  
short time that I fear it will  
be scarce, and Whymper has  
been very satisfactory with the  
going along to every remaining  
Indian and telling them help  
themselves, so that we have up  
to this time well over 75 lbs of  
over his credit, over half and not  
a quarter of the way yet, May re-  
monstrances were only met with  
a burst of temper, and it could  
be helped now, I proposed to him  
that he should take charge of the  
boat, carrying provisions to him  
and leave the trading entirely to  
me, which he accepts, Buy some  
fresh reindeer meat, a duck & two  
eggs. Skin two birds. The duck  
turns out to be a golden eye.

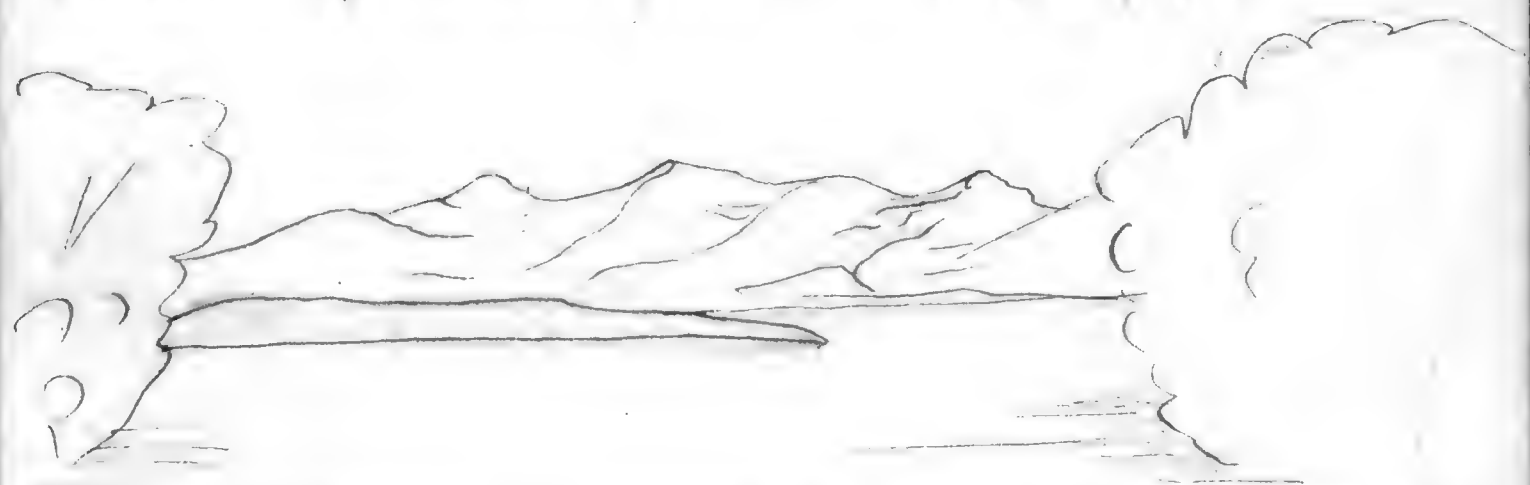
Just as I get under the blanket  
I hear cries of Indians coming  
and Larion comes in and tells  
me there will be plenty of meat  
soon, and buy some tobacco on  
the strength of it, I get up &  
find the Nuklukahut here & three  
others, and Stromman who went  
up with Ketchum in the winter  
with the following news. Ketchum  
got up there with all hands in good  
condition having killed some musk  
oxen. They had a stormy  
time there and he fed them with  
his flour in the spring he started  
off with Mike & me  
four but peramman for Nuklukahut  
killing seals, Roaman, & the two boys  
with their dogs, all that were left  
were a total waste of resources who  
have not turned out well.  
The command & a workman were  
trapped at St Yakov this spring  
in a birch while porse shooting  
but our tent struck below  
packed, and flaps raised, and  
put down the things & across  
for Tovar Kalkut Nookov.







West 24th St. York, Pa. 22, 1.



*[Faint handwritten notes, likely bleed-through from the reverse side.]*



minutes in to wait at Hartyoukand Ketch

me 2-7 June 6. 113)

[illegible]

Slope 15° W. Change to 10° to dip

1750 miles north  
 from the point of the  
 low bank. 3400  
 2000000  
 1000000  
 500000  
 250000  
 125000  
 62500  
 31250  
 15625  
 7812  
 3906  
 1953  
 976  
 488  
 244  
 122  
 61  
 30  
 15  
 7  
 3  
 1  
 1/2  
 1/4  
 1/8  
 1/16  
 1/32  
 1/64  
 1/128  
 1/256  
 1/512  
 1/1024  
 1/2048  
 1/4096  
 1/8192  
 1/16384  
 1/32768  
 1/65536  
 1/131072  
 1/262144  
 1/524288  
 1/1048576  
 1/2097152  
 1/4194304  
 1/8388608  
 1/16777216  
 1/33554432  
 1/67108864  
 1/134217728  
 1/268435456  
 1/536870912  
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 1/4503599627370496  
 1/9007199254740992  
 1/18014398509481984  
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 1/72057594037927936  
 1/144115188075855872  
 1/288230376151711744  
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 1/590295810358705651712  
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 1/4722366482869645213696  
 1/9444732965739290427392  
 1/18889465931478580854784  
 1/37778931862957161709568  
 1/75557863725914323419136  
 1/151115727451828646838272  
 1/302231454903657293676544  
 1/604462909807314587353088  
 1/1208925819614629174706176  
 1/2417851639229258349412352  
 1/4835703278458516698824704  
 1/9671406556917033397649408  
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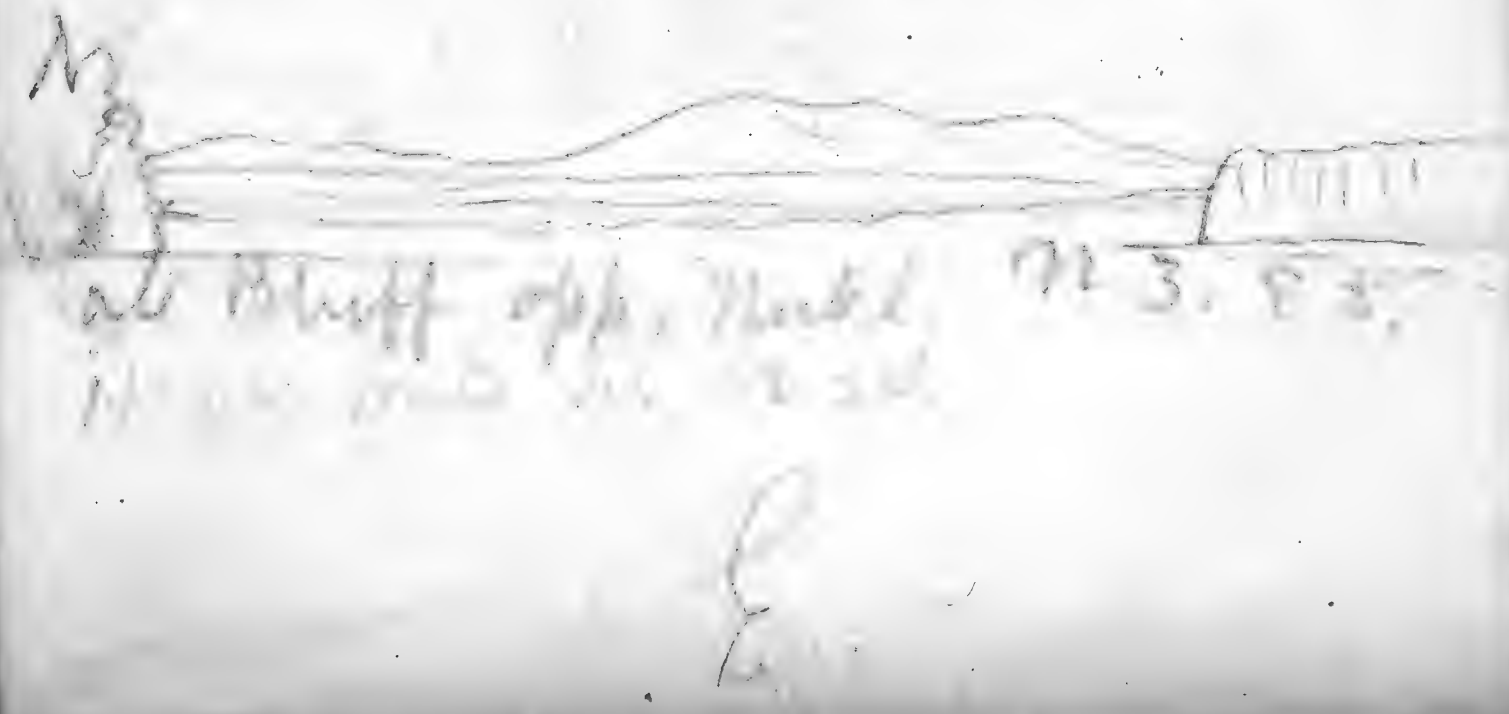




2000  
 low both sides - 3 high  
 715 - 716 - Low high  
 718

Mohaklagh at lita NE

about 1000 ft. N. of the plateau  
 the base of the mountain is covered  
 by a layer of yellow sand  
 mixed with a little clay, or  
 a very coarse sandstone, and a very  
 rough surface. The hills are  
 little and scattered. It is not  
 known how far the city extends  
 N. by E. S. E. ... north  
 ... N. E. 1 ...





...now camp on the  
beach at 7, 150 ft. ...  
boat port and sail till  
11 ... stop ...  
mouth of the ...  
... but a ... sail with  
the Russian boat & therefore  
fall behind. About half  
past five come round the  
bluff opposite Muklukut  
where we find the Russians  
taking tea & waiting for us  
take a hasty cup of tea &  
go across with them. The In-  
dians who came up with us  
from the side and those  
living there on the other &  
after a few words from the  
Muklukut before (who  
came down to our last  
winter such side advances  
sincerely and go through

a kind of ... right  
facing these ... loaded  
with ... there are  
there are many few people  
here, the ... good  
as follows. ...  
the English ...  
at least two of whom we  
expected to be here to guide us  
up, are all gone, two days - for  
there is nothing to eat here. They  
left no message which is un-  
usual. But in the event of the  
worst, having to pull our way  
up alone, I think the next  
thing is at Naurikut &  
a little we have with the ...  
... other ... with  
... up. We ...  
...  
...  
...  
... get over stuff only





Leave Nukluk about

and 35 balls & a pint out of  
my own private trading  
goods which have all gone  
for grub

cut a hole in  
and have to  
camp & haul her up the  
turn in for a good

— Monday June 10

(3)

N 3. Very fine grained sides & nar  
Plutonic rocks as before

N.E. 1. Right - 1 mile  
5 miles to the north



low 1000, 1000, 1000  
1 on 1000  
1000, 1000, 1000

NE 2, 4 Camp

The first thing I noticed  
 when I stepped out of the car  
 was a heavy blanket of  
 snow. It was a soft, white  
 blanket that covered everything  
 in its path. The trees were  
 bare, their branches reaching  
 up like skeletal fingers. The  
 ground was a smooth, white  
 expanse. I took a deep breath  
 and the cold air filled my  
 lungs. It was a strange  
 feeling, at once refreshing  
 and daunting. I looked down  
 at my feet, which were  
 sinking slightly into the snow.  
 I had never seen snow before.  
 The world was so different  
 here. The colors were muted,  
 the sounds were muffled. It  
 was a new experience, and  
 I was determined to make  
 the most of it.



I retrace and push on till nearly  
where we camp. get specimens  
of the granite quarry  
rocks. (Went to look at)

Explains some of the  
bank near the capital of the  
State making some of the  
probably the same as the

one at the capital of the  
or other part of the State

This part of the country  
has very much of the same  
kind of blossoms. Some of

the flowers of the same kind  
are found with great frequency  
in the same locality.

There is a great deal of  
the same kind of flowers  
in the same locality.

There is a great deal of  
the same kind of flowers  
in the same locality.

June 11

2. Horizontal layers of  
hard black quartzose rock  
1 m. N. with

as shown. N. by 2. N. by 2.  
N. by 2. N. by 2. N. by 2.

4. Island, both sides high, N. by E  
3. S. rd rather lower, 5 creeks S. by  
E by N. 5. The river is apparently

running between two ranges of hills  
being thus alternate low  
points & high hills or bluffs  
on each side. N. by E 2.

Island, N. by N. 2. N. N. E. 3. N. by N  
3. & camp.

Don't notice any horses  
Morning sleep till 1 p.m. and  
start at 4.35. Cut our beds  
in on a stone & stop to sew  
& chi peat at 10. get off  
again and travel till 4 p.m.  
when we camp on a beach  
having tracks nearly all day  
between mountains &c.

Wednesday June 12

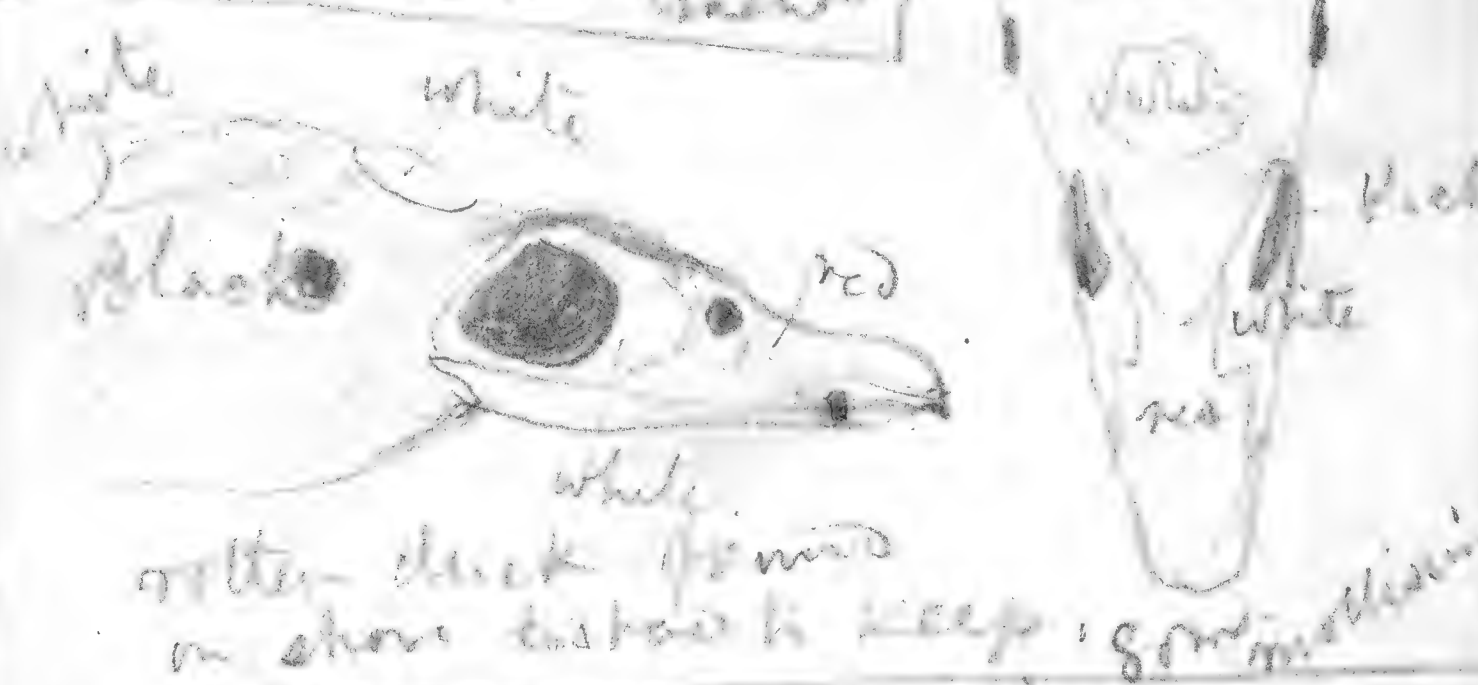
Up to this morning the water had fallen about 14 feet below highest mark but during the day it has risen again about a foot. The salmon will soon begin to come up. They invariably do after the second rise which is not so large as the first, but happens every year. NW by N 1/2. Island & high yellow bluff on S side must look at when I come down. NW 2. The bluffs are yellow gravel with pebbles. Dip of beds NE 5° high 150 ft. WNW 3. WNW 2. NW high N. 1 N of high & west side. Bluffs on N side look at when we come down, iron stained gravel NNE 4. E 3. E by S 1. ENE 3. N. 1.

Start at five<sup>PM</sup> pass a dead horse in the water and the Indians kill one, of which we get some meat, die at 11 PM. and pass a wrecked canoe on some shoals go all day as yesterday between mountains on one side & low points on the other, alternately. Camp on a beach half a mile west of the Indians at 4. Still.

Thursday - June 13



NW 2. low water. NW 2. N side high S side very low Yukon's channel N. running NE. NW. S. side high banks stratified granite & green rock NW 3 same rock 150 ft high S side low. W by S. 6. N side high. Bluff S. side of green rock before meeting



Island & bluffs of greenstone (2) W 2. Bluffs S. side. W by N 1. do. & camp.

Start at 5:30 and track around a 15 mile bend which might be cut off about ten miles across. The post and find the Indians have left the frying pan here.





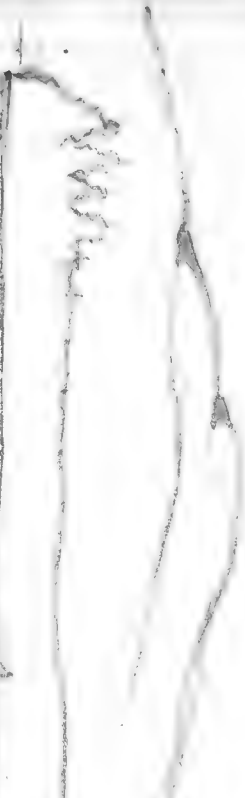
men with  
to the Eng  
foot, about  
them in  
small bunches  
with settlers  
about 4 or  
5 in  
of being  
sick &  
which is  
sailing or  
only  
camp about  
find roses  
and two or  
flowers &  
the rocky  
part of a creek  
the beach  
down by the  
low lands

mouth of  
Nuklukahy  
R. Yorkon R.



push on  
fish  
five of  
all with  
loaded  
& beaver  
black fox  
The  
complain  
time &  
forty things  
very agree  
we know they  
playing off  
half past five  
with snowballs  
three other  
Sungseens on  
hillsides. Get  
a skull on  
probably brought  
ice from the  
above. Another

day and  
probably  
between  
camps  
more  
than 4  
all

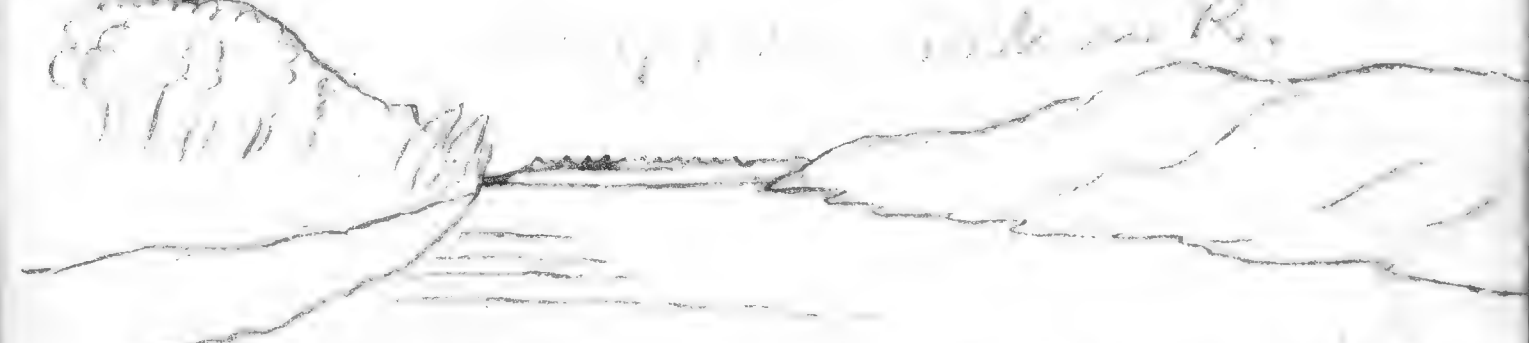


we shall  
get out from  
these moun  
There are  
rapids  
low country  
get to 7. at

Yonkan. From Nuklukahy  
to this point the rocks are  
all Agoric and hence no coal  
can be dreamed of. Quantities  
of cliff swallows in the banks.

Saturday June 15. 1862

N. 3. Green rock on S. 20. 500 high  
NW by N. 2, NW. 2 500 high  
N. 3. 500 Green rock. hills very low



From 3, NW 1. Many large islands  
Nuklukahy at R. 200 N 3, 24



N E 3, 2 in low, distant N E 3, very  
broad with many large islands  
west S. into in distance N. 70

about six I go a little  
way then we see a moose  
in the river, after  
chasing a good deal at them  
the old one takes to the woods  
and the young one being tired  
out is taken where I shoot  
per shoots it. I afterwards skin  
it and preserve the skull.  
Push on and about 10 P.M. pass  
the last near mountains &  
the river widens with many  
islands and distant hills.  
See an Erashka, get a thrush  
the one whose eggs I collected.  
Found, and push on, Chi  
peet at 11, and camp at 5.30  
A.M. 3 kinds of mosquitoes  
each worse than the other.  
Indian burning is detestable

Sunday June 16

N. 1, both sides very low. Into  
in distance N. 1 E. 1 N E 3 N 2  
N 2, S E 3, 8 by N. 2, 7 by W. 2  
N W 1, very broad with many  
very large islands & high hills  
in distance N, S W, S by E & E  
N. 3,

Pass through some very  
strong water and our Indians  
begin the everlasting whine about  
being tired and "boley". Get a  
pretty tern, cliff swallows nest  
and eggs, some Libellulae are  
out which has not its full plumage  
however, a mouse and any quan-  
tity of mosquitoes. Chi peet at 12  
and push on till 6 P.M. tracking  
a little. One of our men gets bleo  
for headache & exchanges with  
his brother. They say the other Indi-  
ans will go ahead tomorrow &  
push on in their light canoes to  
Port York before us. If then



So, it will be a great relief  
from hummers of great perse-  
verance.

Monday June 17.

NNE 2, N. 3, W 1 NW 1, N 3.  
deserted village in N 30 all the  
3 inhabitants (Kutchá Kutchin)  
died a year or two ago of scarlet  
fever. NE 5. N 3 1/2 N 2, N 2.

Port about 8 till, and fall through  
some very strong water. The canoe  
has to put back on account of a  
leak but soon regains us. A strong  
wind with showers springs up  
and our little birch fails  
through some very rough water  
very well although all hands  
have to lay low to keep her dry.  
She at half past 12. The natives  
and except one, leave us going  
faster than we do. They will  
reach the port several days be-  
fore us. Come round a point  
and see a moose just going in  
to the water. The canoe & the  
indian in his birch, start  
after it & he kills it with

his knife alone. It was a doe  
not very large. Two of our men  
get into a tussle, Tom & the  
Bidarschik and I have to punch  
his nose, finally, to stop it.  
Camp on the point about 5.  
Get a pair of small gulls of  
which I keep the head & 1/2 of one &  
and a large one (♂) which I  
skin. I have no place to  
pack specimens & they look  
pretty rough after a few days  
and I cannot collect as many  
as I could wish for the same  
reason. I only keep one of a kind.  
The very large mosquitoes  
carry their bill straight, &  
the little ones, down.

Tuesday June 18

N 2, E 3 Mts in distance S. 30  
white not snow, a range some rather  
high. NE 1, N 1. See Lynx Canad.  
Many large full eyes 1/2 yel &  
small one gray & black N 2 2



Ε2 Ε by N 3. This in distance S.E.  
N 2 by N. 1 N 4 N by W 3, N E 1.  
S E 3. (+round a long cut off 41)

Start early, have showers &  
puffs of wind all night.  
die at 12. & camp at 5, very  
tired. work over two birds, owl  
& little gull (ds) and swarms  
of musquitos. I cannot  
keep my skins in good  
condition or make good  
ones under the circumstan-  
ces. Their only value will  
be a geographical one. Low  
land & many islands all  
day but south side into  
in distance (20 ms?) alt-  
2000 ft high. <sup>the same line as</sup>

Wednesday June 19.  
round the bend N. 5, E 2 N 2 N by E  
2 (cut off) N 5, N E by N 3  
N. 2. E 4. E N E 2, any quantity  
of large sloughs & islands  
also some shallow water &  
riffles. N E 4, & camp.

Pass through a m. it to know  
and puzzling labyrinth of  
very large passages & islands  
any one of which might be  
the main river or shore.  
Work very hard against  
strong water. have some  
rain & cloudy all night.  
wind helps us a good  
deal. pass the point where  
Ketchum camped last year  
& made Ft. York in 2 or  
3 days. see a black bear  
& an wolverine. at 12  
12, & camp at half past  
6, at 11. Get another urn  
& 13 cliff swallows eggs  
and a sharp tail duck egg  
I was very alarmed tank  
leaking and almost dry  
take out the specimens  
but have to throw all but  
two away.



Thursday June 20 (86)

NW 1, N1, NW 2, NW 3, NW 4  
NW 1, very shallow with sand  
bars, N 4 ENE 2, N 3, NW 3, NE 2  
N 2

Start at 6 P.M. and pull  
against a strong wind  
wind at a fair way to  
river stream of rain till  
3 P.M. when it gets so hot  
that we camp. Every day  
is wet & nearly so. We travel  
through some very strong  
water. See many terns  
& gulls, river is windy  
& turbulent as yesterday.  
Meet the Indians which  
we hoped had gone on  
camped on the bank.  
See many sharp-shinned hawks.  
In three or four days more  
we hope to go at Mont-  
Yonkton.

Friday June 21

NW 2, Ely N 1, N 2, NW 1  
Ely S 1, NW 1, NW 1, NW 1, NW 4  
NE 2, ENE 2, NW 2, NW 2  
shallow & full of bars, NE 2  
N 3, E 2, NE 2, N 2, NW 1  
Fine snow covered Mts. heavy  
NW, 15° W. Both sides very low  
and bleak.

Start at a quarter to two P.M. &  
pull against a chilling east  
wind & strong current till  
6 when we overtake the In-  
dians who were going on in  
advance to Mont Yonkton.  
Chopped at 6.30. Pass the Indi-  
ans, push on till midnight  
and chop again at half past  
twelve. On again till 5 when  
we camp. Both sides very  
low and dreary but just as  
we camp some fine hills  
or snow covered mts. far in  
the distance; a long day  
and against bad wind &  
water but make pretty good  
time.



Saturday June 22

Have about 6 or 7 men  
pushing the strong  
water and over measure  
our bars, at one of which  
I have to get out in the  
water to help the boat over  
might less than a hour  
long. At 12, meet one  
of our old crowd of runners  
coming down & learn that  
there are some English In-  
dians camped above Fishing  
Pass the Birch River of the  
English. Bowles now very

low & low small. The  
Haul took ten days to St-John  
n & the bass is not back yet  
nothing to eat there, the Indians  
say. Set there about half  
past seven, & across a  
little slough & camp. Buy  
28 fish for a leaf of tobacco  
piece, & 6 more for three  
pipes. There are four or  
five men & a boy or two &  
five women. They are  
much better looking, built  
and than those below & bet-  
ter dressed. They have many  
dogs, and a great deal of fish  
dried in the sun. The  
men wear the same moose  
skin parkas as the women but  
shorter, all wear headst. many  
of them English clothing, leggings  
etc. They have quite a num-  
ber of black bear skins.  
The Indians who accompa-  
ned us up, are staying with  
them.



Sunday June 28<sup>th</sup>  
River No. 1. N.E. by E. 1. (N.E. by E.  
E. N.E. N. N.W. W. S.W. by W. W) 3  
River (mt. W by N. distant 3 N 1  
E by S 2 (River? N 1 - rapid SE  
2. E by S 1 N.  $\frac{1}{2}$  W.  $\frac{1}{2}$  N 3. N by E 1  
E. S. E 2 (same mt., W. (distant  
N 1 of S 2) N 2 N. E 2. (Por-  
cupine R. mt.) E  $\frac{1}{2}$  S. 1. Yonkon  
N 50.

The old chief from St. Yonkon  
comes down in the night and  
sits around, bunning for to-  
bacco &c. Whympew gives him  
a cup, some Sherkatsky tobacco  
&c. & he comes out with a piece  
of good meat. occati. After a  
good deal of disturbance get  
to sleep. Up about five P.M.  
get breakfast but it is so very  
scorching hot that we do not  
start till 8.30 P.M. Pull  
against a good deal of  
strong water. The Indians  
shirk their work on account

of the heat, and I keep quiet  
and work off my anger by  
paddling furiously.  
Chi peetah - 32. meet a boy  
from above Antoine Houle's  
rabbottnik Antoine is gone up  
to meet the brigade. Chi again  
at 6 P.M. camp on a plain,  
river very shallow. Stop  
opposite the mouth of  
the Porcupine R. and set  
the camp. A fire is made  
a fire a salute of guns &  
pecks which is returned by  
a great crowd of Indians  
who are gathered around the  
port waiting for the brigade.

Found three white men there  
two Scotch - one French - one  
do. (Francis Boucher, Anter-  
son & Mac Don.) Get the mis-  
sionarys room, put our things  
into the store, our bedarra on  
the stage on road, get some fat  
& meat from the old Canadian



in charge, Arrive at 12 o'clock  
M. of the 23rd. The Fort is  
unfinished, but what is done  
is well done, strong, well  
finished & clean. Get some  
little grub and the three men  
into tea, which is the first <sup>time</sup>  
they have had for years.  
Turn in about three o'clock  
for 18 hours hard paddling  
has made me sleepy.  
I have the honor of being the  
first American to ascend  
the river from below and  
if I go down as is proposed  
in company with Capt. K.  
& C. it will be the first trip  
ever made from St. John's  
by the river to the sea, a  
trip of 1200 miles long.  
We hope however to go  
a little further up the  
river & work at the Mts.

### Monday June 24.

Get up late. Have the three men  
the breakfast, flapjacks, fish  
ham & choose meat, which for those  
who have not tasted flour for  
a few years is rather a treat.  
Get the chiefs, 3 in number, Red-  
Leggins & two others, in and give them  
some tobacco. Get three pair of moc-  
casins one from RedLeggins one from  
Boucher, & one from the young Scotch  
man, must get about a dozen pair  
to give away to runners & friends  
down at St. Michaels. Get a young  
black fox & some young pintail ducks  
a nest 3 eggs & mother bird from an  
Indian. a number of beetles.  
a mutilated rail, & skin a gull  
& her two young ones, a golden plover  
& a black duck & get the In-  
dians to skin the fox. Scorching  
hot, lay around resting. Nothing  
to all day. The Fort is a new  
one not quite finished and a  
great improvement on the Rus-  
sian ones. It will be done this year.



Tuesday June 25. 1867  
Some Indians came down the  
river yesterday, having seen Hetch  
on as he went up. say he was  
going very fast and will soon be  
down. I fear that our trip to the mts  
up the Yukon will be dashed. It is  
five days and strong current & we  
will have to wait here for the  
English brigade. I am so hot  
that I can do next to nothing.

Wednesday June 26

Hear that the boats are coming  
& shortly after we go out to the  
bank & meet Messrs M'Dougall  
the comdr of the Fort, M'Donald  
the missionary, & Libberson one  
of the men belonging to the Fort.  
Their boat which draws  $2\frac{1}{2}$   
ft. brought 9000 lbs of goods  
Set up a good dinner for them  
and bring out the tobacco &  
liquor which we brought up.  
for them and pass a quiet  
evening very late to bed.  
They are Scotch, very quiet  
& have a good nature.

Thursday June 27  
Set a lot of traps & please  
very hot, lay round & do  
next to nothing. Go up to  
Antoine Houle's house & give  
him what we brought  
up with us for him.  
He is a good fellow. In  
the afternoon about 11 P.M.  
the Tananach Indians  
known here as the Gens  
de Buttes, come up in 25  
canoes with furs to trade  
promising for moccasins. Get  
2 Rossa-moya skins from An-  
toine & a little tobacco for  
\$0.10. hot that we could do nothing  
strike M'Dougall for furs  
for our men, which he says  
we can get if any are left  
after the trade is over, which  
is as well as we could  
expect, as they bring their  
goods a very long way to get  
them to Fort Yukon.



Friday June 28

News by the Tananah Indians that they saw a white man's body in the water about a day below the boat. Near there we saw the old canoe. It was probably load of the man who accompanied Mr. Cowles as his knife pipe & belt were brought up.

Mr McDonald goes down with an Indian & Anderson to look after the other boat & enter them. Ask for a moose skin, as Peter Pellys wife has time to make me up a few pair of moccasins.

M'Ever gives me two pair, which with two from Boucher, one from Antoine & one from RedLegs make six pair on hand. If I can get six more, I shall be well satisfied. Go over my sketches in ink to prevent their rubbing down out

Saturday June 29

Morning. At last get some sketches & plants. About 4 P.M. hear that Ketchum is coming. Go out on the bank & see two large canoes coming. The Indians & all hands pop away and give them a good salute, and we soon grasp the Captain & Mike by the hand. They have been in two large birches with four Indians to Fort Selkirk. 600 miles, ~~to~~ in 28 days & back in 4 days. They have found a fine country with any quantity of moose & open to navigation so far but no further. A large rapid just above Ft Selkirk. They have had a pretty good trip but have had the greatest impertinence & insolence from their Indians the entire, & mosquitoes!!! A river, the White river, which is the cause of the muddiness of the Yukon, comes in about 100 miles below Selkirk on the left bank.

Have a jolly good supper, go up & see Antoine, talk, smoke & finally turn in about two o'clock at night.



Sunday June 30

Sleep till past noon, and as Mr. McDonald is asleep, wait till nearly 6 P. M. for breakfast. Mr. McDonald gets back from below having found & buried wards today, but Cowles' was not found. Go up to Antoine & have a talk with him, & take tea in the tent with some of the men. Day very hot & sultry. Go up to the site of the old fort of which only an old smoke house is standing & am nearly driven wild by mosquitoes, in numbers too great to be described or imagined unless seen. Back & have dinner about one at night & turn in very late in the morning.

Monday July 1, 1867

Mr. McDonald trading all day. Look over a lot of his bird traps some of which I shall take home. I shall probably go to the Indians in Leech Lake.

The tribes are the Menominee, Winnebago, Sauk, Fox, Kickapoo, and Potawatomi. The Menominee are the most numerous. A lot of the Indians are sick with the fever & ague.

Tuesday July 2, 1867

Work over birds. Tomorrow morning get through trading & leave. Riddle goes down & I pay him off & buy a bag of him for 1 1/2 skins, 1/2 for feed & other things. The days are very mixed now but a few hours dark only. & we rarely get up till past 4 in the afternoon and turn in about the same time at night. Many sick Indians come to me but as our medicine I can do little for them.

Wednesday July 3, 1867

Morning, chilly & cloudy. Read & lay off. Mr. McDonald has the Episcopal service in the afternoon, & sermon. Go up to Antoine's house where he gives us a tune on his fiddle and some of the little Indian boys dance very well to the tune of it. Change some of my good tobacco with A. for the 14, 18, 20, tobacco to pay Indians with. A slight rain in evening. It is difficult to pay for work here as there is no money with us. We cannot draw from the N.B. Co. and we have next to nothing to give of our own. Lost to luck.



Thursday, July 4, 1867

Rise about 2 P.M., and after breakfast talk over matters with the vizier with the Capt. Give our Indians their flour for the down trip.

Skin a fine king fisher, put away + pack a lot of birds from the mountains in the Gers de Large Country N.E. of Ft. Yukon perhaps 250 miles. They were collected by Mr. Mc Dougall and mostly have their eggs with them. We shall probably go down in three large birch canoes and therefore I shall have to cut my luggage down to the smallest compass. No powder for a salute.

Friday, July 5, 1867

My necessities for food and pay for the boat. Make up our minds to leave Sunday night. Mr. Dougall wants the Capt. to buy up the land from below. The men at this post are fed like the dogs, on dried moose meat all the year round, no flour a few pounds of tea when on the road. Nothing else.

Saturday July 6

Get the Indians to work mending up the bidarra with moose skin as we find the canoes will not take down our baggage. Get guns for Tom + Mikaiska, a knife for Bidar + Mik Kull + Mikaiska a powder horn for the Bidar + a fine capote for the Nuklukahyet man. On my own account get some soap + rubbers for snowshoes, 3 moose skins which makes 3, I have got. Get all our things together for going down tomorrow evening. Heavily tired of a place where we can not pay for any thing in money + have not the goods + where we can draw nothing from the store on account + feel generally like beggars, paying in promises.

Sunday July 7

Morning. Pay for the boat by the vizier in the large room. Afterward send a messenger to be drunk.



Get Mary to make me a mosquito  
net. Have a good deal of bother but  
finally succeed in getting a lot of  
Sassaparilla roots for my vocabulary.  
Pack every thing up. Get the bidan  
sewed & ready. Get three pair of  
shoes (unfinished) from Antoine.  
Litherton gives me a good pair of otter  
skin gloves. Bidan goes up the river  
and brings me four some marrow from the  
bed of an extinct lake. Get dinner  
very late and prepare to leave.  
Stake my large birch with Mikrish-  
sa, and then, and Capt. K. takes his  
boat on with Dick & Beucher's  
boy & Mike & Whymper the bidan  
with Kuria & Bidanabik.  
Bid all hands good bye and get in  
to our boats about 2 A.M. of

Monday July 8  
Start with a tremendous cracking  
of guns from the Fort Indians  
who are fond of using powder, and  
slide swiftly down with the cur-  
rent, up sail & make about  
40 or 50 knots. Boil the chinik  
and for some time about 6 o'clock  
& taking things aboard, eat, as  
we drift down thus saving

time. Day cloudy with dashes  
of sun. Pass the place where  
we slept two days before reaching  
Fort Yorkon. It is much easier  
going down and besides as we keep  
in the middle of the river we  
avoid many of the mosquitoes  
& can smoke in peace - Chi  
again about 9 P.M. & about  
12 pass the camp of June 18.  
5 days from Fort Yorkon.

Tuesday July 9  
Drift. Breeze about 4 miles an hour.  
Only stop to get some food  
and to get about 8 o'clock and  
stop for the night. The river  
sleeping in the river.  
About 3 P.M. enter the lake  
or Ramparts. Get on again  
a large fire in the woods and  
where fills the whole air with  
smoke. Have a very bad  
cold caught at Ft. Yorkon  
which makes me feel quite  
miserable. Chi again and  
off. Make about 125 miles a  
day. Rather better than coming  
up stream.



Wednesday July 11. 1887

Morning about half way to the rapids. Pass the fire which we made all the morning. Look for the fire which we left at our camp coming up but it is gone; probably the Indians coming down have taken it away. Cut loose & paddle ahead a good way. Pass the rapids about 6 P.M. no Indians there and as the river has fallen at least 6 feet, it presents a totally different aspect. A large island of stones rounded by the water and the rapids which attracted most of our attention was caused by a very insignificant ledge of rock. See a stray dog on the beach & a pile of nets &c but no Indians. Below about 10 miles find an old Indian & the red shirt man catching salmon. Buy one of them quite large

& very good. Push on the Indians joining us tell we arrive at another Indian camp below.

Thursday July 12.  
Find the young chief and all his people camped opposite Muckleshoot, about 2 o'clock & asking him for some fish or meat he asks us to make him a present first, and then he would see what he would do. After what the Capt. gave him in the winter & spring & my self this summer, this was rather ungrateful but a fair sample of Indian dealing. Finally, for 3 balls & two cans of powder, we got some meat & fat & the Capt. some skins. Push on. The night is all right, and on, sleeping & drifting down till a rain comes on & but soon get ashore & tent up when it stops. Get tea & push on. Kahl takes my canoe & goes off for some geese & brings back 4. They are moulted now & can not fly. Baptiste kills me some more.



Further on, go ahead and  
shoot three geese. Two large  
one & a small one - go on  
shore and the boat & push  
on and pass Newikahat  
about midnight -

~~Friday~~ July 12

Morning drifting down  
sun very hot - but very  
foggy as for three days back  
Go on slowly & shoot a little  
game. Pass the Newikahat-  
raped & mountain river  
about 12 M. Pass  
Newikahat River about 12 M.  
Meet 4 canoes with Newikahat  
Indians & salmon. The bulk of  
them are camped below <sup>at</sup> near  
Newikahat R. Get  
there about two hours after  
and find the Newikahat at 4 M.  
There I get a few fish & some  
birds & he makes me a pres-  
ent of some fat. Tie up his hand  
which was badly cut. Push on  
the boat on the other side &  
go on till 10 P.M. when we

meet some Indians from an  
other lot of Indians who are  
also fishing on the river. Dived  
in with them. Ask him why  
he lies about the Captain on  
his up trip &c. He said first  
that he did not, and second  
that he would not do so any  
more, & was sorry. Tell him  
that he had better not come any  
more where Americans are  
& go on. One of them tells us  
a story about the Unalakleet  
party having taken a Kairik  
Indian who had cut down a  
telegraph pole & hung him  
up to a pole & then shot him.  
It is probably one of the lies  
natural to Indians. Drift-  
down slowly & go to sleep.

— Saturday July 13 —

wake up late, we having passed  
Saccatahontan. and half way  
round a big bend find *Lepidurus*  
& *Disidium* & *Valvata* fossils in  
the banks - also *Planorbis* & *Encrinurus*



Go on till about 3 P.M. Meet  
 Indians by the way, from Ko-  
 goukuk & Yokilesky, and getting  
 a new small gull which I  
 skin, 3.30 pass the small bluff  
 where the water was so steep  
 coming up. The clouds which  
 have made everything so  
 dark & obscure for 3 days  
 stop here & proceed from a  
 very large bay near Koyou-  
 kuk, 4.30 P.M. Koyoukuk  
 before just about which find  
 some Indians fishing & see the  
 young fellows who I went up  
 to look at yesterday with us from  
 the wharf - Hear that Captain  
 La Repulse is to go down the Nulato  
 with Peckham & he stays alone  
 the bidarra with the dogs but  
 was obliged to buy a small  
 canoe part way down put  
 the dogs on board & the dogs ashore  
 and leave them, an Indian  
~~procession going~~  
 afterwards. Found two  
 of the dogs I took one of

them to Nulato but Peckham  
 did not pay him for the canoe  
 one is at his house - 6 P.M. leave  
 & go over to the point where the  
 Koyoukuk Indians live who  
 camped to our island & the bidarra  
 goes in. Larroon is there  
 and as he says. Letters from  
 & Seckunka are at Nulato.  
 Russian ships have arrived  
 see black stinging brother & the  
 Tokovindola. Have a present  
 of some deer meat, a tongue  
 & piece of back fat - Give the  
 old woman a soap & 20 cents.  
 Buy 3 wax wings from an in-  
 dian. Push on and reach the  
 Nulato Bluffs about 8 o'clock

Find Nulato Magorsha on  
 the beach who tells us  
 that the whole of Russian  
 America has been bought  
 by an American Com-  
 pany, a ship & steamer  
 have come to the Redoubt  
 & the Russians are all

going home soon. This  
news is as unexpected  
as it is welcome, but it  
is a little vague. Arrive  
about half past ten  
and the Russians give  
us a big salute. Find  
a circular from Wright  
ordering all hands & posts  
to be at the Redoubt on  
the 5th of August and a  
letter from F. M. Smith  
to Pickett telling him  
to get the news to us as  
soon as possible, but no  
particulars. This order  
makes us all anxious  
as we know not what  
changes may be at hand  
but having done our duty  
whatever takes place we  
cannot come out with-  
out honor. Get everything  
into the house, Chi with  
Yagor & turn in early.

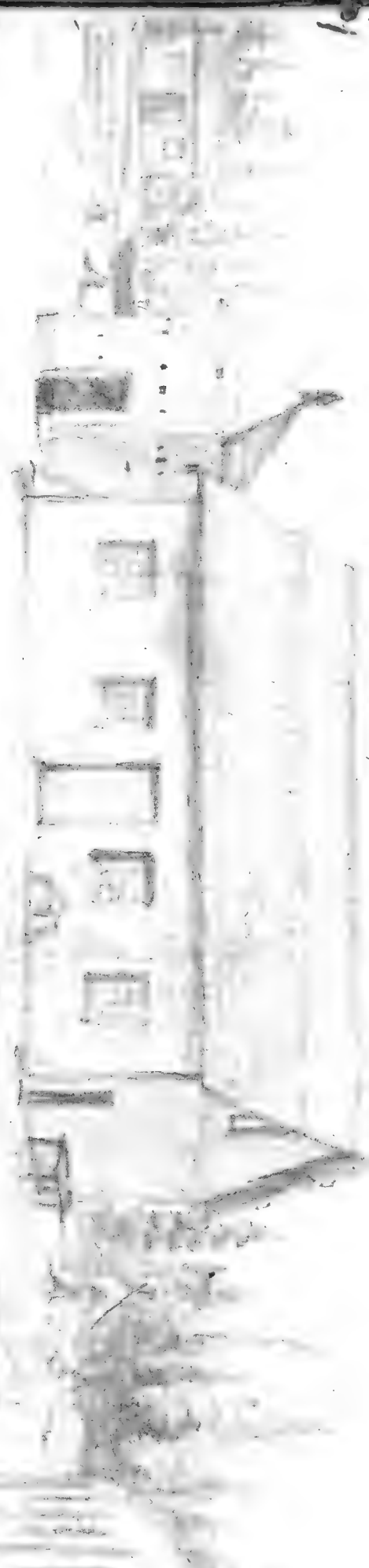
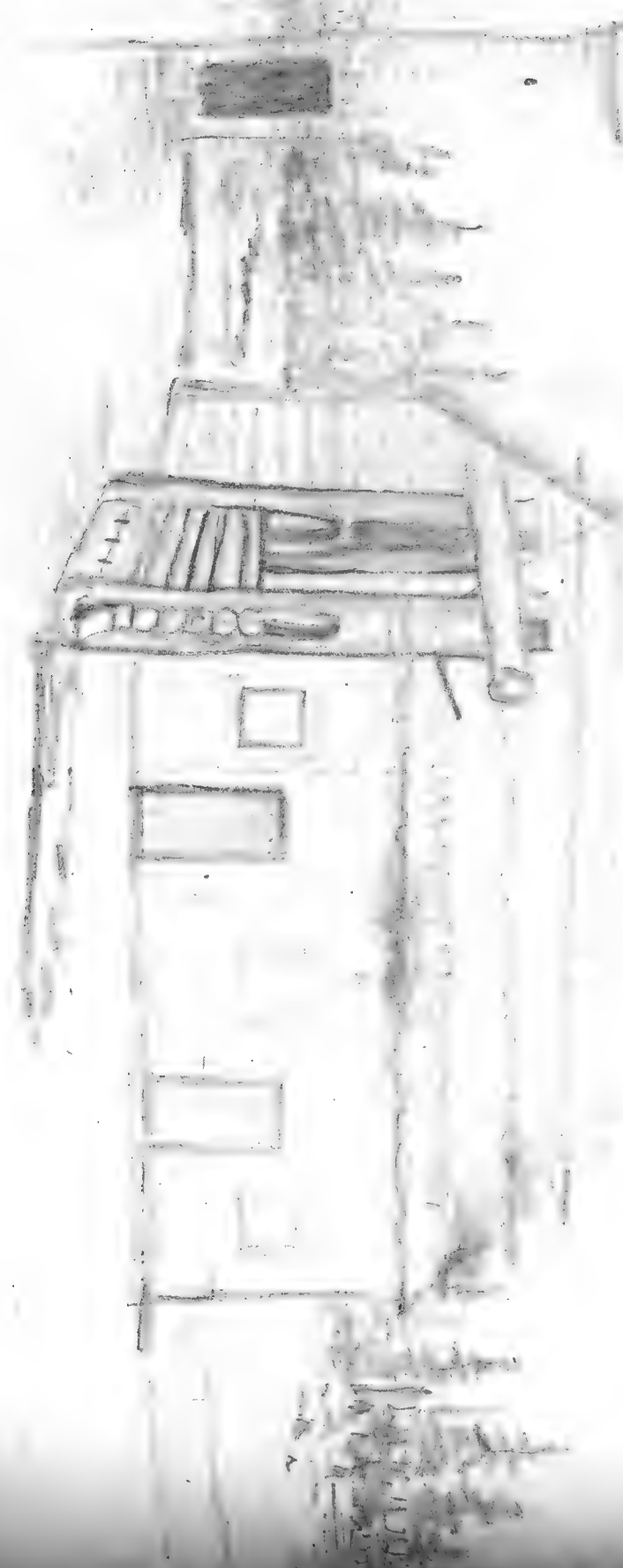
Koyukuk Lake - from the N.







outside



at the bottom of the page, 2011



Hand.



Hand.  
wife.



Hand.  
wife.

Hand.  
wife.



B



Mountain River  
Camping & day above  
Thick brush along of  
the shore



Nokutogotumuk R.  
End of Nukali R.



gens de Buttes,

Red-winged Blackbird  
 Blue Jay  
 Yellow Warbler  
 Goldfinch  
 Gray Kingfisher  
 Brown Creeper  
 Hawk  
 Sandhill Crane  
 Large Woodpecker  
 Marsh Wren  
 Golden Plover  
 Raven  
 Robin  
 Tern  
 Gull

Sheepswallow  
S. ~~sp.~~?

Handwritten: *Handwritten*  
*Handwritten*



Rainbow

4-3-11

Adams Don't see the point

27<sup>th</sup> rank  
360  

---

630

1111

14

R. 1. 1  
 H. 1  
 R. 1. 1  
 H. 1  
 R. 1. 1  
 H. 1



